



DOCKET NO.: CC-3052/A0397US

PATENT

3727  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Valentin Hierzer

Application No.: 09/780,760

Filing Date: February 9, 2001

For: ELONGATED ORIFICE CLOSURE

Confirmation No.: 6608

Group Art Unit: 3727

Examiner: Hylton, Robin Annette

DATE OF DEPOSIT:

Nov 24, 2003

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

TYPED NAME: Harold H. Fullmer  
REGISTRATION NO.: 42,560

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TECHNOLOGY CENTER R3700

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☐ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date

of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

☐ In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☒ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached;  
or

☒ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☒ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- ☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith

## EXCEPT THAT:

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☐ In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
- ☐ Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No.

, filed .

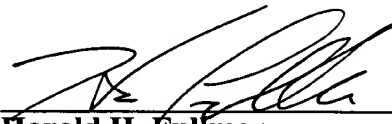
Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

There are no listed references which are not in the English language.

### REMARKS

Applicants hereby disclose the existence of co-pending United States Patent Application Number 10/068,714, filed February 6, 2002, (Attorney Docket Number A0428US; CC-3404) which discloses and claims some closure limitations that are similar to those of the present application. The scope of the independent claims of the two application are not co-extensive.

Date: *Nov-24, 2003*

  
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<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>CC-3052/A0397US</b>	Application No. <b>09/780,760</b>
	Applicant <b>Valentin Hierzer</b>	
	Filing Date <b>February 9, 2001</b>	Group <b>3727</b>
	Confirmation No. <b>6608</b>	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>		
	<b>6</b>	Rosato, D.V. et al., "Injection Molding Handbook", <i>Kluwer Academic Publishers</i> , 2000, Chapter 8, 3 <sup>rd</sup> Edition, 716-769
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>CC-3052/A0397US</b>	Application No. <b>09/780,760</b>
	Applicant <b>Valentin Hierzer</b>	
	Filing Date <b>February 9, 2001</b>	Group <b>3727</b>
	Confirmation No. <b>6608</b>	

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
	7	4,767,016	08/30/88	Cook, Jr. et al.	215	230
	8	5,868,323	02/09/99	Cantor	239	589
	9	5,887,738	03/30/99	Bietzer, et al.	215	232
	10	6,152,320	11/28/00	Hierzer, et al.	220	838
	11	6,510,971 B1	01/28/03	Martin	222	556
	12	RE 4,854,473 B1	10/15/91	Dubach	220	335
	13	U.S. Patent App # 10/068,714	Filed- 02/06/02			

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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